



APPLICANT: Raper, Jonathan A.  
APPLICANT: Luo, Yuling  
TITLE OF INVENTION: Compositions Which Regulate Neural  
TITLE OF INVENTION: Regeneration and Methods of Making and Using the Same  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSEE: No. 541619715  
STREET: One Liberty Place  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/136,922  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: UPN-1428  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ. ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 477 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-136-922-2

Query Match 19.4%; Score 66.5; DB 1; Length 477;  
Best Local Similarity 35.2%; Pred. No. 1.6;  
Matches 19; Conservative 5; Mismatches 23; Indels 7; Gaps 2;

QY 6 AORCLOSCQOEPPDLKOKACESRCTKLEYPKCVYDGTGATNQRHPPQERTGRQ 59  
DB 278 AOLPLHRC-----DIYKAKAEC--LARDPYCAMDSACSRYFPYAKRRTRRQ 324

RESULT 3  
US-08-121-713D-54  
Sequence 54, Application US/08121713D  
Patent No. 5639856  
GENERAL INFORMATION:  
APPLICANT: Goodman, Corey S.  
APPLICANT: Kolodkin, Alex L.  
APPLICANT: Matthes, David  
APPLICANT: Bentley, David R.  
APPLICANT: O'Connor, Timothy  
TITLE OF INVENTION: The Semaphorin Gene Family  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP  
STREET: 268 Bush Street, Suite 3200  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/121,713D

FILING DATE: 13-SEP-1993  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Osman, Richard A.  
REGISTRATION NUMBER: 36,627  
REFERENCE/DOCKET NUMBER: B94-002-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)343-4341  
TELEFAX: (415) 343-4342  
TELEX:  
INFORMATION FOR SEQ. ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 771 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-121-713D-54

Query Match 19.4%; Score 66.5; DB 1; Length 771;  
Best Local Similarity 35.2%; Pred. No. 2.8;  
Matches 19; Conservative 5; Mismatches 23; Indels 7; Gaps 2;

QY 6 AORCLOSCQOEPPDLKOKACESRCTKLEYPKCVYDGTGATNQRHPPQERTGRQ 59  
DB 510 AOLPLHRC-----DIYKAKAEC--LARDPYCAMDSACSRYFPYAKRRTRRQ 556

RESULT 4  
US-08-835-268-54  
Sequence 54, Application US/08835268  
Patent No. 5807826  
GENERAL INFORMATION:  
APPLICANT: Goodman, Corey S.  
APPLICANT: Kolodkin, Alex L.  
APPLICANT: Matthes, David  
APPLICANT: Bentley, David R.  
APPLICANT: O'Connor, Timothy  
TITLE OF INVENTION: The Semaphorin Gene Family  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP  
STREET: 268 Bush Street, Suite 3200  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/835,268  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/121,713  
FILING DATE: 13-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Osman, Richard A.  
REGISTRATION NUMBER: 36,627  
REFERENCE/DOCKET NUMBER: B94-002-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415)343-4341  
TELEFAX: (415) 343-4342  
TELEX:  
INFORMATION FOR SEQ. ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 771 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-835-268-54

Query Match	19.48;	Score 66.5;	DB 1;	Length 771;
-------------	--------	-------------	-------	-------------

Matches 19; Conservative 5; Mismatches 23; Indels 7; Gaps 2;

QY 6 AQRCLQSCQEPDDLKQACESRCKLEYDPRVYDTGAINQRHPGEETRGRQ 59  
 || | : || | | | : | : | |  
 Db 510 AQLPLHRC---DIVGKACAECC--LARDPYCAMDGSACSRYFPTAKRRTRRQ 556

RESULT 5  
US-09-060-692-54  
; Sequence 54, Application US/09060692

RESULT 5  
 US-09-060-692-54  
 ; Sequence 54, Application US/09060692  
 ; Patent No. 5935865  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goodman, Corey S.  
 ; APPLICANT: Kolodkin, Alex L.  
 ; APPLICANT: Mathes, David  
 ; APPLICANT: Bentley, David R.  
 ; APPLICANT: O'Connor, Timothy  
 ; TITLE OF INVENTION: The Semaphorin Gene Family  
 ; NUMBER OF SEQUENCES: 100  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: SCIENCE & TECHNOLOGY INH. GROUP

```

Query Match      19.4% ; Score 66.5 ; DB 2 ; Length 771 ;
Best Local Similarity 35.2% ; Pred. No. 2.8 ;
Matches 19 ; Conservative 5 ; Mismatches 23 ; Indels 7 ; Gaps 2 ;

Qy      6 AORCLOSCEPDDLKOKACGSRCTKLEYEDRCVDTGATNQRRHPPGERTGRQ 59
      || | | | | | | | | | | | | | | | | | | | | | | | |
Db      510 AQLPLHRC-----DIYGRACAEC--LARDPYCAMDGSACSKRYFTARRRTRQ 556

RESULT      6
US-08-833-391-54
; Sequence 54, Application US/08833391
Patent No. 6013781

```

GENERAL INFORMATION:  
APPLICANT: Goodman, Corey S.  
APPLICANT: Kolokoin, Alex L.  
APPLICANT: Matthes, David  
APPLICANT: Bentley, David R.  
APPLICANT: O'Connor, Timothy  
TITLE OF INVENTION: The Semaphorin Gene Family  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP  
STREET: 268 Bush Street, Suite 3200  
CITY: San Francisco

```

Query Match      19.4%  Score 66.5;  DB 3,  Length 771;
Best Local Similarity 35.2%  Pred. No.2.8;
Matches 19;  Conservative 5;  Mismatches 23;  Indels 7;  Gaps 2.

OY      6  AORCLOSQCQPPDDLKOKACESRCTKLEYDPCVYDTGATNORHNPGETRGQ 59
      II  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
Db      510 AQLPLHRC-----DIYKACACACC--LARDPVCAMDGSACSYFFTAARRTRRQ 556

RESULT      7
PCT-US94-10151A-54
; Sequence 54, Application PC/TUS9410151A
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: The Semaphorin Gene Family
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR HOHBACH TEST ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; City: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: PCT/US94/10151A  
FILING DATE: 13-SEP-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Osman, Richard A.  
REGISTRATION NUMBER: 36,627  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299 FHT UR  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 771 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US94-10151A-54

Query Match 19.4%; Score 66.5; DB 4; Length 771;  
Best Local Similarity 35.2%; Pred. No. 2.8;  
Matches 19; Conservative 5; Mismatches 23; Indels 7; Gaps 2;

OY 6 AQRLOSCQEPDLKAKCESRCTKLEYDPRCYVDGATNQRHPRGERTGRQ 59  
DB 510 AQLPLHRC-----DIYKACAECC--LARDPYCAMDSACSRYPTAKRRTRRQ 556

RESULT 8  
US-08-999-811-4

Sequence 4, Application US/08999811  
Patent No. 5932540

GENERAL INFORMATION:

APPLICANT: HU, JING-SHAN

APPLICANT: ROSEN, CRAIG A.

APPLICANT: CAO, LIANG

TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2

NUMBER OF SEQUENCES: 15

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX

STREET: 1100 NEW YORK AVENUE

CITY: WASHINGTON

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/999,811

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/207,550

FILING DATE: 8-MAR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/465,968

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: MARKOWICZ, KAREN R.

REGISTRATION NUMBER: 36,351

REFERENCE/DOCKET NUMBER: 1488,1000004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)371-2600

TELEFAX: (202)371-2540

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 350 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein  
US-08-999-811-4

Query Match 17.5%; Score 60; DB 2; Length 350;  
Best Local Similarity 36.7%; Pred. No. 7.1;  
Matches 18; Conservative 5; Mismatches 14; Indels 12; Gaps 2;

OY 1 TENPCAORCLQ-----SCQEPDLKAKCESRCTKLEYDPRCV 39  
DB 294 TESP-QKCLLKGRKFFHQTCSCYRRCTNRQKACEFGFSYSEVRCV 340

RESULT 9  
US-08-824-996-2

Sequence 2, Application US/08824996B  
Patent No. 5935820

GENERAL INFORMATION:

APPLICANT: Hu, Jing-Shan

APPLICANT: Rosen, Craig A.

APPLICANT: Cao, Liang

TITLE OF INVENTION: Polynucleotides Encoding Vascular Endothelial Growth

FILE REFERENCE: PRL12D1

CURRENT APPLICATION NUMBER: US/08/824,996B

CURRENT FILING DATE: 1997-03-27

EARLIER APPLICATION NUMBER: 08/207,550

EARLIER FILING DATE: 1994-03-08

NUMBER OF SEQ ID NOS: 9

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 2

LENGTH: 350

TYPE: PRT

ORGANISM: Homo sapiens

US-08-824-996-2

Query Match 17.5%; Score 60; DB 2; Length 350;  
Best Local Similarity 36.7%; Pred. No. 7.1;  
Matches 18; Conservative 5; Mismatches 14; Indels 12; Gaps 2;

OY 1 TENPCAORCLQ-----SCQEPDLKAKCESRCTKLEYDPRCV 39  
DB 294 TESP-QKCLLKGRKFFHQTCSCYRRCTNRQKACEFGFSYSEVRCV 340

RESULT 10  
US-09-042-105-4

Sequence 4, Application US/09042105  
Patent No. 6040157

GENERAL INFORMATION:

APPLICANT: HU, JING-SHAN

APPLICANT: ROSEN, CRAIG A.

APPLICANT: CAO, LIANG

TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2

NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX

STREET: 1100 NEW YORK AVENUE

CITY: WASHINGTON

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/042,105

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:



Query Match 17.5%; Score 60; DB 3; Length 419;  
Best Local Similarity 36.7%; Pred. No. 8.7;  
Matches 18; Conservative 5; Mismatches 14; Indels 12; Gaps 2;

OY 1 TENPCARCLQ-----SCQEPDDLKQKACSRCTKLEYDPRCV 39  
Db 363 TESP--OKCLLKGRKHHQTCYRRPCTNRKACGEGFSYSEVRCV 409

## RESULT 13

US-09-042-105-18  
; Sequence 18, Application US/09042105  
; Patent No. 6040157  
; GENERAL INFORMATION:  
; APPLICANT: HU, JING-SHAN  
; APPLICANT: ROSEN, CRAIG A.  
; APPLICANT: CAO, LIANG  
; TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX  
; STREET: 1100 NEW YORK AVENUE  
; CITY: WASHINGTON  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/042,105  
; FILING DATE: HERewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/207,550  
; FILING DATE: 8-MAR-1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/465,968  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: TO BE ASSIGNED  
; FILING DATE: 24-DEC-1997  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: ERIC K. STEFFE  
; REGISTRATION NUMBER: 36,688  
; REFERENCE/DOCKET NUMBER: 1488.1000003/EKS  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)371-2600  
; TELEFAX: (202)371-2540  
; INFORMATION FOR SEQ. ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 419 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-09-042-105-18

Query Match 17.5%; Score 60; DB 3; Length 419;  
Best Local Similarity 36.7%; Pred. No. 8.7;  
Matches 18; Conservative 5; Mismatches 14; Indels 12; Gaps 2;

OY 1 TENPCARCLQ-----SCQEPDDLKQKACSRCTKLEYDPRCV 39  
Db 363 TESP--OKCLLKGRKHHQTCYRRPCTNRKACGEGFSYSEVRCV 409

RESULT 14  
US-08-795-430-8  
; Sequence 8, Application US/08795430  
; Patent No. 6130071  
; GENERAL INFORMATION:  
; APPLICANT: Alltalo, Kari  
; APPLICANT: Joukov, Vladimir  
; TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)  
; TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: United States of America  
; ZIP: 60606-6402

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/795,430  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/FR96/00427  
; FILING DATE: 01-AUG-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/671,573  
; FILING DATE: 28-JUN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/601,132  
; FILING DATE: 14-FEB-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/585,895  
; FILING DATE: 12-JAN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/510,133  
; FILING DATE: 01-AUG-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/340,011  
; FILING DATE: 14-NOV-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gass, David A.  
; REGISTRATION NUMBER: 38,153  
; REFERENCE/DOCKET NUMBER: 28967/33691  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312/474-6300  
; TELEFAX: 312/474-0448  
; TELEX: 25-3856  
; INFORMATION FOR SEQ. ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 419 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-795-430-8

Query Match 17.5%; Score 60; DB 3; Length 419;  
Best Local Similarity 36.7%; Pred. No. 8.7;  
Matches 18; Conservative 5; Mismatches 14; Indels 12; Gaps 2;

OY 1 TENPCARCLQ-----SCQEPDDLKQKACSRCTKLEYDPRCV 39  
Db 363 TESP--OKCLLKGRKHHQTCYRRPCTNRKACGEGFSYSEVRCV 409

RESULT 15  
PCT-US96-09001-2



